

For Research Use Only

GCDFP-15/PIP Monoclonal antibody

Catalog Number: 60210-1-Ig

1 Publications



Basic Information

Catalog Number:

60210-1-Ig

Size:

150ul, Concentration: 547 µg/ml by Bradford method using BSA as the standard;

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG8980

GenBank Accession Number:

BC010950

GeneID (NCBI):

5304

UNIPROT ID:

P12273

Full Name:

prolactin-induced protein

Calculated MW:

146 aa, 17 kDa

Purification Method:

Protein G purification

CloneNo.:

4F5C11

Applications

Tested Applications:

ELISA

Cited Applications:

IF

Species Specificity:

human, mouse

Cited Species:

bovine

Background Information

GCDFP-15 (gross cystic disease fluid protein 15), also known as PIP (prolactin-induced protein) is a secretory glycoprotein expressed in benign and malignant breast tumor tissues and in some normal exocrine organs such as sweat, salivary, and lacrimal glands (PMID: 12393800). GCDFP-15 expression is increased by prolactin and androgen and inhibited by estrogen (PMID: 18854942). The expression is also regulated by interleukins. GCDFP-15 is a marker of apocrine differentiation and is frequently used for assessment of metastases or regional recurrences of breast origin.

Notable Publications

Author	Pubmed ID	Journal	Application
S L Pratt	25533929	Theriogenology	IF

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:

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